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(71) Applicant (for all designated States except US): VESUVIUS FRANCE S.A. [FR/FR]; 68, rue Paul Deudon, Boite postale 19, F-59750 Feignies (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SHIMIZU, Koichi [JP/JP]; 2 F Roland Muse Bldg., 3-2-21 Mita, Minato-Ku, Tokyo 108-0073 (JP). CAILLAUD, Frédéric [FR/FR]; 100, rue du Pont de Pierre, F-59600 Maubeuge (FR). TANI, Kazumi [JP/JP]; 13-4, 4-chrome Fukae-kitamachi, Higashinada-ku, Kobe 658 (JP). KOBAYASHI, Yoshifumi [JP/JP]; 13-4, 4-chrome Fukae-kitamachi, higashinada-ku, Kobe 658 (JP).

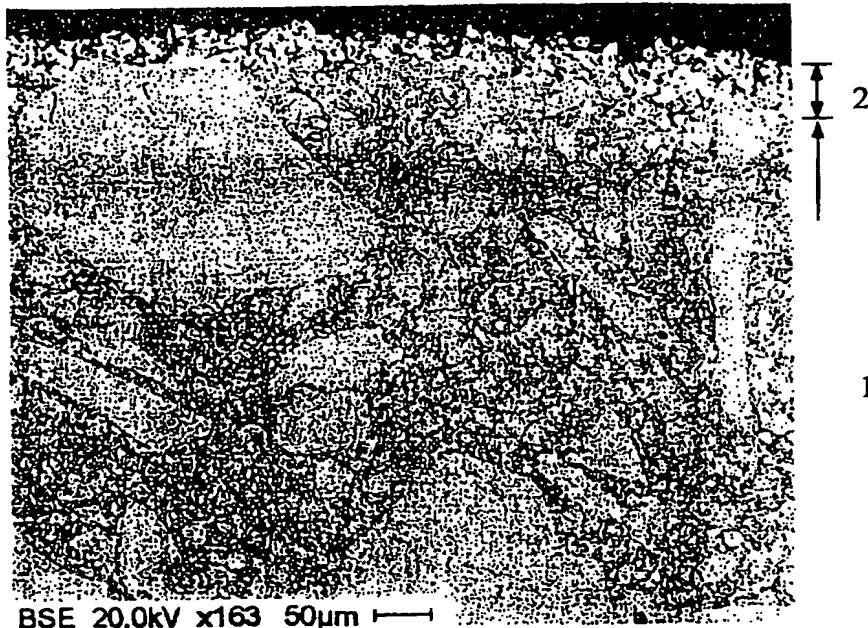
(74) Agent: DEBLED, Thierry; Vesuvius Group S.A., Intellectual Property Department, Rue de Douvrain 17, B-7011 Ghlin (BE).

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(54) Title: VESSEL FOR HOLDING SILICON AND METHOD OF PRODUCING THE SAME



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(57) Abstract: The invention relates to a vessel for holding a silicon molten bath which can effectively prevent contamination of a silicon melt solution and have excellent sinterability, mechanical strength and productivity. The interior of the vessel is formed with a sprayed coating by spraying a silicon composite thermet consisting of metal silicon (MSi), silicon nitride ( $Si_3N_4$ ) and silicon oxide ( $SiO_2$ ).